



304874

United States Environmental Protection Agency
Pollution Report

I. HEADING

DATE: January 9, 1997

SUBJECT: Pollution Report for the Dayton Electroplate Site, Dayton,
Montgomery County, Ohio.FROM: [REDACTED] OSC, U.S. EPA, Region V ERB,
Cincinnati, OH.....(ERU/REGV)

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POLREP NO. 1 (Initial)

II. BACKGROUND

Site No:	A562
Response Authority:	CERCLA
NPL Status	None
Start Date:	January 3, 1997
Completion Date:	TBD
Latitude:	39'46.724" North
Longitude:	84'9.762" West
CERCLA Incident Category:	Removal

III. SITE INFORMATION

A. Background:

- Dayton Electroplate (DE) operated a 60,000 square foot plating facility from 1984 until April 1996. Electroplating

operations included nickel, chrome, zinc, and clear coatings. Investigations by Ohio EPA in 1995 revealed uncharacterized and unlabeled cyanide waste drums. Dayton Electroplate filed for bankruptcy on April 12, 1996 and ceased operations.

- On September 12, 1996, Ohio EPA requested assistance from U.S. EPA Region V ERB to conduct an emergency removal action at the abandoned Dayton Electroplate site due to acid and cyanide wastes remaining on-site. On August 28, 1996, Ohio EPA inspected the abandoned facility and observed acid vapor collecting near the ceiling of plating area #1.
- On October 11, 1996, U.S. EPA OSC Steve Renninger and START conducted a site investigation at the abandoned DE site and noted the presence of approximately 110 full to partially full plating vats and tanks containing spent electroplating solutions totaling approximately 105,000 gallons. The wastes were observed in four plating lines in two buildings on-site. Plating vat waste contained highly concentrated solutions of cyanide (53,000 ppm), chromium, zinc, nickel, and chromic acid (pH<1). Additionally, approximately 250 drums were observed throughout the facility containing plating wastes, oxidizers, corrosives, and flammables.

B. Site Location/Description

- The DE site is located at 1030 Valley Street, Montgomery County, Ohio. The DE site is located in an industrial/residential area within the northeast area of Dayton, Ohio. The DE site occupies approx. 4 acres bordered by Valley Street and State Route 4. The DE site includes two site buildings covering 60,000 square feet and four separate plating lines.

IV. RESPONSE INFORMATION

A. Current Situation:

- On December 31, 1996, Dayton Police Dept. documented trespassing and vandalism to the perimeter fence, building doors and plating areas leaving unrestricted site access.
- On January, 2, 1997, U.S. EPA issued a Unilateral Order requiring the site owner to initiate site stabilization and removal activities at the site.

B. Actions Taken:

- January 3, 1997 - U.S. EPA mobilized ERCS Smith Environmental to the DE site to initiate 24 hour security due to site vandalism. U.S. EPA and OEPA observe vandalism to plating areas.
- January 6-8, 1997 - Site support zone established in DE parking lot with mobilization of decontamination, haz-cat, and office trailers. Site security continues.
- January 9, 1997 - Support zone and decon area completed. Sample crew mobilized to initiate inventory, sampling, haz-cat of wastes. Site security continues.

C. Next Steps:

- Continue site security.
- Initiate inventory and sampling of wastestreams on January 9-16, 1997.
- Initiate haz-cat of samples and establish wastestreams on January 20-24, 1997.

D. Key Issues:

- Abandoned acid and cyanide wastes remain on-site in 4 large plating lines.

V. COST INFORMATION

- Estimated costs as of January 9, 1997:

	Budget	Cost to Date	Remaining
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Smith Environmental	50,000	6,000	44,000
START	20,000	3,500	16,500
EPA Direct	39,600	2,000	37,600
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Total	109,600	11,500	98,100